



Recombinant Escherichia coli 5-methylcytosine-specific restriction enzyme B (mcrB)

Product Code	CSB-MP323332ENV
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P15005
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MESIQPWIEK FIKQAQQQRS QSTKDYPTSY RNLRVKLSFG YGNFTSIPWF AFLGEGQEAS NGIYPVILYY KDFDELVLAY GISDTNEPHA QWQFSSDIPK TIAEYFQATS GVYPKKGYSQ YYACSQKVSQ GIDYTRFASM LDNIINDYKL IFNSGKSVIP PMSKTESYCL EDALNDLFIP ETTIETILKR LTIKKNILQ GPPGVGKTFV ARRLAYLLTG EKAPQRVNMV QFHQSYSYED FIQGYRPNV GFRRKDGIFY NFCQQAQEQP EKKYIFIIDE INRANLSKVF GEVMMMLMEHD KRGENWSVPL TYSENDEERF YPENVIIG LMNTADRSLA VVDYALRRRF SFIDIEPGFD TPQFRNLLN KKAEPSFVES LCQKMNELNQ EISKEATILG KGFRIHGSYF CCGLEDGTSP DTQWLNEIVM TDIAPLLEEY FFDDPYKQQK WTNKLLGDS
Source	Mammalian cell
Target Names	mcrB
Protein Names	Recommended name: 5-methylcytosine-specific restriction enzyme B EC=3.1.21.- Alternative name(s): EcoKMcrBC
Expression Region	1-459
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.